TABLE 20—Continued

Base Data:
Q_{og} = volume of gas burned per second = 5 m^3 32 = 188 cu ft.
Q_{owg} = volume of products of combustion with 40 per cent excess air
= 12m^3 77 =451 cu ft.

Temperatures, initial	C	600°	700°	800°	900°
	F	1112°	1292°	1472°	1652°
Gas factor 1-f-ai		3 20	3 57	3 94	4 30
Temperatures,	C	250°	300°	350°	400°
Gas factor, 1-j-ai.	F	482°	572°	662°	752°
		1 92	2 10	2 28	2 47

Heat capacity of products of combustion from curve for producer gas, SC-DSW, Fig. 184:

Calories initial	2 814	3400	3814	4336
B t u	11 168	13492	15 134	17206
Calories final ..	1 144	1 383	1 622	1846
B t u	4 540	5 488	6 337	7326
Volumes initial, m^3	40	45	50	54
cubic feet	1 443	1 610	1 777	1 939
Volumes final m^3	24	26	29	31
cubic feet	866	947	1,028	1,114